

### Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA180ME-D IE2 4P 18,5 kW B5**  
 Motor item number: **180W477410T**

50 HZ data	Rated power:	18,5 kW		60 HZ data		kW		
	Poles(Synch speed):	4p (1500) r.p.m				r.p.m		
	Full load speed:	1470 r.p.m				r.p.m		
	Voltage:	400	/		690		V	
	Frequency:	50 Hz				Hz		
	Connection:	Δ	/		Y			
	Amps full load (FLA):	35	/		20,2		A	
	Amps no-load (NLA):						A	

Enclosure:	IP55		Cable entries size:	2 x CM32	
Mounting:	IM B5 (IM 3001)		Winding protection:		
Insulation Class:	F		Max. Altitude:	1000	m.a.s.l.
Max. ambient temp.:	+40	°C	Heater:	no	
Min. ambient temp.:	-20	°C	Shaft extension:	48x110	mm
Max. temp. rise:	80	K	Weight:	kg	
Duty type:	S1		Painting:	Alkyd-Amin Resins Paint	
Cooling form:	IC411 (TEFC)		Color:	RAL 5021	
Bearing DE	6310	ZZ C3	Box position:	Top DE	
Bearing NDE	6308	ZZ C3	Cable entry towards:	Right	
Grease:	Lithium or Polyurea Base		Cable type:	N/A	
Regreasing facilities:	NO		Balance grade:	Normal	

Efficiency class:	IE2			Sound pressure (1m):	62 dB(A)
Load data:	100%	75%	50%	Resistance R20:	0,41 PH
Efficiency:	91,2	91,8	90,7		
Power factor:	0,84	0,77	0,66		

Full load torque (FLT):	120,2	Nm	Pull out torque ratio:	3,2	MK/MN
Starting torque ratio:	2,8	MA/MN	Pull up torque:	2,2	MS/MN
Starting current ratio:	8,4	IA/IN	Rotor inertia WK2:	0,16	kgm <sup>2</sup>

Special remarks:

#### SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:	
Certificate number:	t <sub>E</sub> time:	sek

Special remarks: